

B1

nucleic acid of any one of Claims 1-3, wherein said nucleic acid is integrated into the genome of said bacterium or plant by genetic transformation.

B2

~~19~~ ~~22~~. (Amended) A plant which has been regenerated from the plant cell of Claim 12, wherein said plant comprises said vector.

~~30~~ ~~33~~.

(Twice Amended) A method of inducing or increasing production of gamma linolenic acid (GLA) in a bacteria or plant deficient [or lacking] in [or producing low levels of] GLA which comprises transforming said bacteria or plant with the vector of Claim 4.

B3

~~31~~ ~~34~~.

(Twice Amended) A method of inducing or increasing production of gamma linolenic acid (GLA) in a bacteria or plant deficient [or lacking] in [or producing low levels of] GLA which comprises transforming said bacteria or plant with the vector of Claim 5.

~~32~~ ~~35~~.

(Twice Amended) A method of inducing or increasing production of gamma linolenic acid (GLA) in a bacteria or plant deficient [or lacking] in [or producing low levels of] GLA which comprises transforming said bacteria or plant with the vector of Claim 6.

~~33~~ ~~47~~.

(Amended) Progeny of the plant of claim ~~22~~<sup>19</sup>, wherein said progeny comprises said vector.

~~34~~ ~~48~~.

(Amended) A plant which has been regenerated from the plant cell of Claim 13, wherein said plant comprises said vector.

~~35~~ ~~49~~.

(Amended) A plant which has been regenerated from the plant cell of Claim 14, wherein said plant comprises said vector.

B4

B